Relay Module - RIF-3-RPT-LDP-24DC/3X21 - 2903294

Technical data

Connection data output side

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm² ... 1.5 mm²
Conductor cross section flexible	0.14 mm² ... 1.5 mm²
	0.14 mm² ... 1.5 mm² (Ferrule with plastic sleeve)
	0.14 mm² ... 1 mm² (Ferrule with plastic sleeve, two conductors on double terminal block)
Conductor cross section AWG	26 ... 16 (solid)
	26 ... 16 (stranded)

General

Test voltage relay winding/relay contact	2.5 kV_{rms} (50 Hz, 1 min.)
Test voltage relay contact/relay contact	2 kV_{rms} (50 Hz, 1 min.)
Operating mode	100% operating factor
Degree of protection	IP20 (Relay base)
	RT I (Relay)
Mechanical service life	Approx. 2x 10^7 cycles
Mounting position	any
Assembly instructions	In rows with zero spacing

Standards and Regulations

Connection in acc. with standard	CSA
Standards/regulations	DIN EN 50178
Rated insulation voltage	250 V AC
Rated surge voltage	4 kV
Insulation	Basic insulation
Degree of pollution	2
Overvoltage category	III
Flammability rating according to UL 94	V2

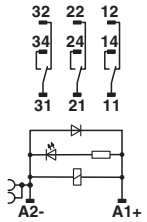
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

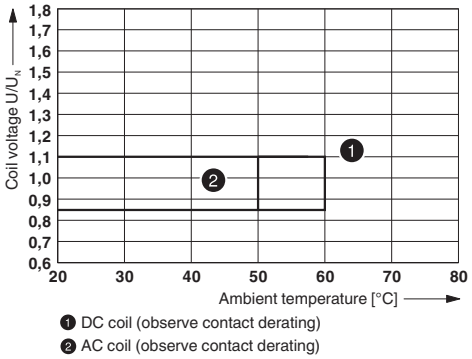
Relay Module - RIF-3-RPT-LDP-24DC/3X21 - 2903294

Circuit diagram



DC coils

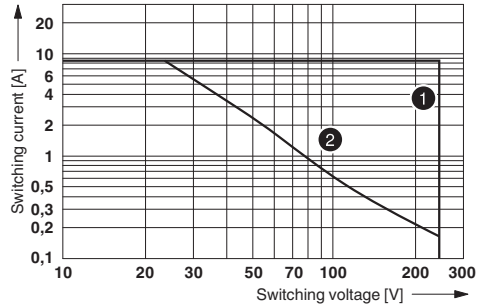
Diagram



1 DC coil (observe contact derating)
2 AC coil (observe contact derating)

Operating voltage range

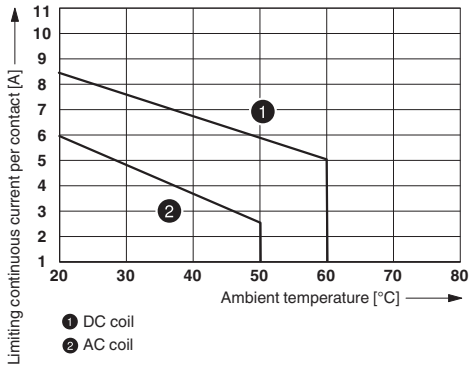
Diagram



1 AC, ohmic load
2 DC, ohmic load

Interrupting rating

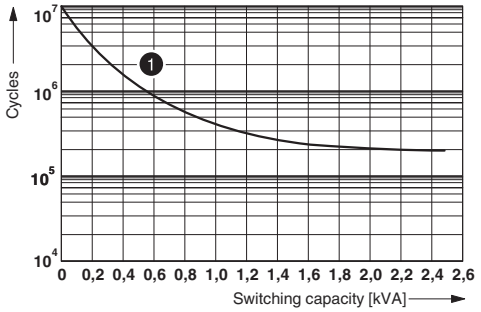
Diagram



1 DC coil
2 AC coil

Contact derating

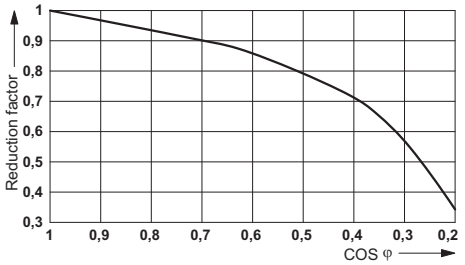
Diagram



1 250 V AC, ohmic load

Electrical service life

Diagram



Service life reduction factor